

FIGs. 7A and 7B are flow charts of the process performed by the system to determine the relative positions of the images;

FIG. 8 is a flow chart of the process performed by the system to correct perspective distortion in the images;

FIG. 9 shows images that are in the process of being positioned relative to each other;

FIG. 10A shows the conversion of two-dimensional coordinates into four-dimensional coordinates;

FIG. 10B is a flow chart of the process performed by the computer system of FIG. 1 to compute the vertices of a perspective distorted image based on rotation angles and focal lengths;

FIGS. 10C-10E show the equations terminology used to compute the focal length and rotation angles of an image;

FIG. 11 is a flow chart of the process performed by the system to compute the focal length and the rotation angle of an image; and

FIG. 12 is a flow chart of a process performed to merge images.

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